

AMENDMENTS TO THE CLAIMS

Please amend Claims 19, 30, 41, and 53 as follows:

1 1-18. (canceled)

1 19. (currently amended) A process for simultaneous storage and playback of  
2 multimedia data in a computer environment, comprising the steps of:  
3 providing a plurality of input signal tuners in a device;  
4 wherein said tuners accept analog and digital television broadcast signals;  
5 wherein each of said tuners is individually tuned to a specific broadcast signal;  
6 converting analog television broadcast signals into a digital signal;  
7 storing said digital signals and digital television broadcast signals on a storage  
8 device in the device;  
9 providing a plurality of output devices in the device;  
10 wherein each of said output devices extracts a specific digital signal from said  
11 storage device;  
12 decoding said specific digital signals into a television output signal;  
13 sending said television output signal to a television monitor; and  
14 wherein said plurality of output devices allows for a picture in a picture display on  
15 said television monitor.

1 20. (original) The process of claim 19, further comprising the step of:  
2 accepting control commands from a user.

- 1    21.    (original)    The process of claim 20, wherein the user selects the picture in a  
2           picture option to be displayed on said television monitor.
- 1    22.    (original)    The process of claim 20, wherein the user selects which of said output  
2           devices displays in said picture in a picture display.
- 1    23.    (original)    The process of claim 20, wherein the user selects the display position  
2           of each picture in the picture in a picture display.
- 1    24.    (original)    The process of claim 20, wherein the user selects an individual tuner  
2           and the specific broadcast signal for said individual tuner.
- 1    25.    (original)    The process of claim 20, wherein the user selects a specific digital  
2           signal to be extracted from said storage device and decoded.
- 1    26.    (original)    The process of claim 20, wherein the user controls the decoding rate  
2           and direction of said decoding step to perform variable rate fast forward and rewind,  
3           frame step, pause, and play functions on said television output signal.
- 1    27.    (original)    The process of claim 19, further comprising the step of:  
2           inserting on screen displays into said television output signal.
- 1    28.    (original)    The process of claim 19, wherein the specific broadcast signal for an  
2           individual tuner is selected automatically based on the current date and time.

1 29. (original) The process of claim 19, wherein the specific broadcast signal for an  
2 individual tuner is selected automatically based on a particular word or phrase in said  
3 broadcast signal.

1 30. (currently amended) An apparatus for simultaneous storage and playback of  
2 multimedia data in a computer environment, comprising:  
3 a plurality of input signal tuners in a device;  
4 wherein said tuners accept analog and digital television broadcast signals;  
5 wherein each of said tuners is individually tuned to a specific broadcast signal;  
6 a module for converting analog television broadcast signals into a digital signal;  
7 a module for storing said digital signals and digital television broadcast signals on a  
8 storage device in the device;  
9 a plurality of output devices in the device;  
10 wherein each of said output devices extracts a specific digital signal from said  
11 storage device;  
12 a module for decoding said specific digital signals into a television output signal;  
13 a module for sending said television output signal to a television monitor; and  
14 wherein said plurality of output devices allows for a picture in a picture display on  
15 said television monitor.

1 31. (original) The apparatus of claim 30, further comprising:  
2 a module for accepting control commands from a user.

1 32. (original) The apparatus of claim 31, wherein the user selects the picture in a  
2 picture option to be displayed on said television monitor.

1 33. (original) The apparatus of claim 31, wherein the user selects which of said  
2 output devices displays in said picture in a picture display.

1 34. (original) The apparatus of claim 31, wherein the user selects the display  
2 position of each picture in the picture in a picture display.

1 35. (original) The apparatus of claim 31, wherein the user selects an individual  
2 tuner and the specific broadcast signal for said individual tuner.

1 36. (original) The apparatus of claim 31, wherein the user selects a specific digital  
2 signal to be extracted from said storage device and decoded.

1 37. (original) The apparatus of claim 31, wherein the user controls the decoding  
2 rate and direction of said decoding module to perform variable rate fast forward and  
3 rewind, frame step, pause, and play functions on said television output signal.

1 38. (original) The apparatus of claim 30, further comprising:  
2 a module for inserting on screen displays into said television output signal.

1 39. (original) The apparatus of claim 30, wherein the specific broadcast signal for  
2 an individual tuner is selected automatically based on the current date and time.

1 40. (original) The apparatus of claim 30, wherein the specific broadcast signal for  
2 an individual tuner is selected automatically based on a particular word or phrase in  
3 said broadcast signal.

1 41. (currently amended) A process for simultaneous storage and playback of  
2 multimedia data in a computer environment, comprising the steps of:  
3 providing a plurality of input signal tuners in a device;  
4 wherein said tuners accept analog and digital television broadcast signals;  
5 wherein each of said tuners is individually tuned to a specific broadcast signal;  
6 converting analog television broadcast signals into a digital signal;  
7 separating a digital signal or digital television broadcast signal into its video and  
8 audio components;  
9 storing said video and audio components on a storage device in the device;  
10 providing a plurality of output devices in the device;  
11 wherein each of said output devices extracts a specific video and audio component  
12 from said storage device;  
13 decoding said specific video and audio components into a television output signal;  
14 sending said television output signal to a television monitor; and  
15 wherein said plurality of output devices allows for a picture in a picture display on  
16 said television monitor.

1 42. (original) The process of claim 41, further comprising the step of:  
2 accepting control commands from a user.

1 43. (original) The process of claim 42, wherein the user selects the picture in a  
2 picture option to be displayed on said television monitor.

1 44. (original) The process of claim 42, wherein the user selects which of said output  
2 devices displays in said picture in a picture display.

1 45. (original) The process of claim 42, wherein the user selects the display position  
2 of each picture in the picture in a picture display.

1 46. (original) The process of claim 42, wherein the user selects an individual tuner  
2 and the specific broadcast signal for said individual tuner.

1 47. (original) The process of claim 42, wherein the user selects a specific video and  
2 audio component to be extracted from said storage device and decoded.

1 48. (original) The process of claim 42, wherein the user controls the decoding rate  
2 and direction of said decoding step to perform variable rate fast forward and rewind,  
3 frame step, pause, and play functions on said television output signal.

1 49. (original) The process of claim 41, further comprising the step of:  
2 inserting on screen displays into said television output signal.

1 50. (original) The process of claim 41, wherein the specific broadcast signal for an  
2 individual tuner is selected automatically based on the current date and time.

1 51. (original) The process of claim 41, wherein the specific broadcast signal for an  
2 individual tuner is selected automatically based on a particular word or phrase in said  
3 broadcast signal.

1 52. (original) The process of claim 41, further comprising the steps of:  
2 extracting other signal components from said digital signal or said digital television  
3 broadcast signal;  
4 wherein said storage step stores said other signal components on said storage device;  
5 wherein each of said output devices extracts the associated signal components of  
6 said specific video and audio components from said storage device; and  
7 reproducing said associated signal components into their proper location in said  
8 television output signal.

1 53. (currently amended) An apparatus for simultaneous storage and playback of  
2 multimedia data in a computer environment, comprising:  
3 a plurality of input signal tuners in a device;  
4 wherein said tuners accept analog and digital television broadcast signals;  
5 wherein each of said tuners is individually tuned to a specific broadcast signal;  
6 a module for converting analog television broadcast signals into a digital signal;  
7 a module for separating a digital signal or digital television broadcast signal into its  
8 video and audio components;  
9 a module for storing said video and audio components on a storage device in the  
10 device;  
11 a plurality of output devices in the device;  
12 wherein each of said output devices extracts a specific video and audio component  
13 from said storage device;

14 a module for decoding said specific video and audio components into a television  
15 output signal;  
16 a module for sending said television output signal to a television monitor; and  
17 wherein said plurality of output devices allows for a picture in a picture display on  
18 said television monitor.

1 54. (original) The apparatus of claim 53, further comprising:  
2 a module for accepting control commands from a user.

1 55. (original) The apparatus of claim 54, wherein the user selects the picture in a  
2 picture option to be displayed on said television monitor.

1 56. (original) The apparatus of claim 54, wherein the user selects which of said  
2 output devices displays in said picture in a picture display.

1 57. (original) The apparatus of claim 54, wherein the user selects the display  
2 position of each picture in the picture in a picture display.

1 58. (original) The apparatus of claim 54, wherein the user selects an individual  
2 tuner and the specific broadcast signal for said individual tuner.

1 59. (original) The apparatus of claim 54, wherein the user selects a specific video  
2 and audio component to be extracted from said storage device and decoded.



1 60. (original) The apparatus of claim 54, wherein the user controls the decoding  
2 rate and direction of said decoding module to perform variable rate fast forward and  
3 rewind, frame step, pause, and play functions on said television output signal.

1 61. (original) The apparatus of claim 53, further comprising:  
2 a module for inserting on screen displays into said television output signal.

1 62. (original) The apparatus of claim 53, wherein the specific broadcast signal for  
2 an individual tuner is selected automatically based on the current date and time.

1 63. (original) The apparatus of claim 53, wherein the specific broadcast signal for  
2 an individual tuner is selected automatically based on a particular word or phrase in  
3 said broadcast signal.

1 64. (original) The apparatus of claim 53, further comprising:  
2 a module for extracting other signal components from said digital signal or said  
3 digital television broadcast signal;  
4 wherein said storage module stores said other signal components on said storage  
5 device;  
6 wherein each of said output devices extracts the associated signal components of  
7 said specific video and audio components from said storage device; and  
8 a module for reproducing said associated signal components into their proper  
9 location in said television output signal.

1 65-130. (canceled)